

# MATERIAL SAFETY DATA SHEET

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24 Hour Emergency Telephone: (803) 967-7691*

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## Section 1. PRODUCT IDENTIFICATION

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PRODUCT NAME: PARABOND® M-417 Carpet Adhesive  
CHEMICAL FAMILY: Water Base Adhesive

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## Section 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

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Chemical Name	CAS Number	% by Weight	ACGIH TLV	OSHA PEL
VM & P Naphtha	8032-32-4	1.6%	300 ppm	300 ppm
Methanol	67-56-1	2.8%	200 ppm	200 ppm
Ethylene Glycol	107-21-1	1.0%	50 ppm	50 ppm

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## Section 3. HAZARDS IDENTIFICATION

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PRIMARY ROUTES OF ENTRY: Eyes and Inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory problems.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: No effect known.

INGESTION: Not likely to occur. If swallowed, no side effects known.

INHALATION: May cause irritation to throat, nose and symptoms of nausea and headache.

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredient listed as a carcinogen by IARC, NTP, or OSHA.

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## Section 4. FIRST AID MEASURES

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EYE CONTACT: Flush with water for 15 minutes. Contact a physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Induce vomiting, contact a physician.

INHALATION: Move to fresh air. If problems persist, contact physician.

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## Section 5. FIRE-FIGHTING MEASURES

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FLASH POINT (°F): None.

LOWER FLAMMABLE LIMIT: None.

UPPER FLAMMABLE LIMIT: None.

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO<sub>2</sub>, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO<sub>2</sub>, H<sub>2</sub>O, N<sub>x</sub>O, and other products from the burning of aromatic hydrocarbons. See Section II.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispense sand, sawdust, or vermiculite. Collect and place in waste container. Wash area thoroughly with water.

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## SECTION 7. HANDLING AND STORAGE

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HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Keep out of the reach of children. Methanol cannot be made non-poisonous. Intentional misuse by deliberately concentrating and inhaling solvents may be harmful or fatal and should be avoided.

STORAGE: Store above 40°F. Store in well ventilated area.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear splash goggles if prolonged contact with material is likely.

SKIN PROTECTION: Wear gloves if prolonged contact with material is likely.

RESPIRATORY PROTECTION: Not required with normal use and good room ventilation.

ENGINEERING CONTROLS: Normal room ventilation.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.1

VAPOR PRESSURE: Same as water.

VAPOR DENSITY (air=1): Same as water.

% VOLATILE BY WEIGHT: 52

pH: 9.4

APPEARANCE AND ODOR: Light straw colored paste.

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF COATING: 104

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF MATERIAL: 49

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## SECTION 10. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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This product has been tested for toxicity (acute inhalation; acute dermal; skin irritation; oral) and has been found to be non-toxic as defined by The Federal Hazardous Substance Act, 16 CFR 1500.3.

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## SECTION 12. ECOLOGICAL INFORMATION

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No information available.

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## SECTION 13. DISPOSAL CONSIDERATIONS

Disposed of in accordance with federal, state and local regulations.

## SECTION 14. TRANSPORT INFORMATION

For domestic transportation purpose, this product is not designated as a hazardous material by the U.S. Department Of Transportation.

## SECTION 15. REGULATORY INFORMATION

TSCA: All ingredients are listed.

SARA TITLE III:

Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
[ X ]	[ ]	[ ]	[ ]	[ ]

Section 313 Toxic Chemicals Extremely Hazardous Substances:

Chemical Name	CAS#	% by Weight
Methanol	67-56-1	2.8%
Ethylene Glycol	107-21-1	1.0%

## SECTION 16. OTHER INFORMATION

HMIS RATINGS: Health = 1 Flammability = 1  
Reactivity = 0 Personal Protective Equipment = B  
Hazard rating scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

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